

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotation no. CME/XEN/E-HR/H5/005



An ISO 9001 : 2008 Port
ISPS CODE Compliant

LIMITED QUOTATION

FOR "Installation, testing and commissioning of 160 KVA Generator at Gate# 9"

Due at 3.30 P.M on **18.05.2017**

Website:www.mptgoa.com

MORMUGAO PORT TRUST
ENGINEERING MECHANICAL DEPARTMENT

Quotations are invited in sealed single cover system duly super scribed as
QUOTATION FOR “Installation, testing and commissioning of 160 KVA Generator at
Gate# 9”.

Details about Quotation:

Quotation invited by	CHIEF MECHANICAL ENGINEER, MORMUGAO PORT TRUST
Quotation No.	CME/XEN/E-HR/H5/005
Name of Work	Installation, testing and commissioning of 160 KVA Generator at Gate# 9
Document Cost	Rs.500/- in the form of DD from Nationalized/Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa to be submitted along with the quotation, otherwise the offer <i>shall not be considered.</i> (Quotation Document Fee is not refundable)
Security Deposit	10 % of the contract value.
Completion Period	The work should be completed within 4 weeks from the date of 7 th day of receipt of LOA & handing over the site to the contractor by the Port.
Liquidated Damages	For delay in supply/work Liquidated Damages, equivalent to 1% of the total contract value/per week or part thereof subject to maximum 10% are liable to be deducted from any moneys due or become due to the Contractor
Payment terms	100% payment shall be made within 30 days after satisfactory completion of work on producing invoice complete in all respect. The contractor shall furnish their bank account number PAN card, MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust.
Bid Validity	120 Days from the date of opening of the quotation.
Guarantee Period	12 months from the date of taking over of the work.
Minimum Eligibility Criteria(MEC)	The party should have executed at least one Supply, installation, testing and commissioning of DG set along with AMF panel in the last 7 years, the proof of which is to be submitted.
Date of Pre-bid meeting	09/05/2017 at 15.00 Hrs.
Date of submission of bids	18/05//2017 till 15:00 Hrs.
Date of Opening of bids	18/05/2017 at 15:30 Hrs
Address for communication and submission of bid:	SE(E-Hr) Engineering Mechanical Dept., Mormugao Port Trust, Main Administrative Building, Headland- Sada.

	Mormugao, Goa – 403804.
Contact Details	Phone :0832-2594515/ 2594579 Email : cme.mgpt@gmail.com , melchior_teles@yahoo.co.in, soaresfreddy@gmail.com
Website	<u>www.mptgoa.com</u>

CHIEF MECHANICAL ENGINEER

TECHNICAL SPECIFICATIONS

1.0. GENERAL

Mormugao Port Trust invites limited Quotations for the work of "Installation, testing and commissioning of 160 KVA Generator at Gate# 9".

There are three numbers of warehouses adjacent to berth no 10/11 viz. T1, T2 and T3. Presently the back power supply to T1 shed lighting and other accessories connected to panels in T1 shed is fed from the 160 KVA DG set housed in the T1 shed. The Port intends to shift and install the DG set near Gate no 09 for providing back-up power supply to Gate no 09 and other utilities connected to it such as RFID gate entry system, lighting system, LAN network system and computer system.

As such the 160 KVA DG installed in the T1 shed is to be installed and commissioned along with the AMF panel at Gate no 09.

2.0 SCOPE OF WORKS:

1. The work involves:-
 - a. The 160 KVA DG along with the extended chimney will be shifted by the Port and kept on the foundation. However entire system commissioning should be done by the contractor.
 - b. Supply and installation of AMF panel at Gate 09. The AMF panel shall be rated for 800A. Relevant test certificates of AMF panel to be submitted. Necessary cable for the control wiring should be supplied by the contractor. The job also includes necessary cabling work from DG set to the AMF panel.
 - c. Extending the mains supply cable at Gate 09 from supply panel to AMF panel in DG room and terminating the outgoing cable from AMF panel to supply panel and terminating the DG supply cable in AMF and DG. (The supply cable will be supplied and laid by the Port).

- d. Installation of earthing stations: 4 nos chemical pipe earthing developed in pipe in pipe technology concept with earthing electrodes for the DG Alternator and body and AMF panel; The job also includes providing GI earthing strips of 25 x 6 mm from earthing stations to DG and AMF panel and necessary terminations in the main supply panel, AMF panel and DG set.
- e. Overall commissioning of the DG set and AMF panel.

3.0 INSTALLATION AND COMMISSIONING

Installation and commissioning should be carried out to the satisfaction of the Engineer in charge.

4.0 GENERAL TERMS AND CONDITIONS

4.1. Validity:

The validity period for the offer shall be 120 days from the date of opening of the quotation.

4.2. Price:

The offered rates shall be inclusive of all taxes and duties. Service Tax shall be paid as applicable.

4.3. Security Deposit:

i) Security deposit:

The DD of 10% of the contract value rounded off to nearest 100 rupees shall be submitted within 10 days of issue of Letter of Acceptance.

ii)The contractor shall furnish the Security Deposit in the form DD from Nationalized / Scheduled Banks in favour of the Financial Advisor & Chief Accounts Officer, MPT, payable at Vasco, Goa within 10 days from the date of issue of Letter of Acceptance(LOA). This Security Deposit shall be converted to Performance Guarantee during the guarantee period and will be returned to the contractor at the end of guarantee period.

4.4. Completion Period:

The entire work shall be completed within **4 weeks** from the 7th day of receipt of LOA and handing over the site to the contractor by the Port.

4.5. Guarantee Period:

The Contractor shall give the guarantee for a period of **12 months** from the date of taking over of the work. Any defect observed during the guarantee period, the same shall be replaced by the Contractor, free of cost. However, The Security Deposit shall be converted to Performance Guarantee during the guarantee period.

4.6. Payment Terms:

- i)** 100% payment shall be made on within **30 days** after satisfactory completion of work on producing invoice complete in all respect.
- ii)** The contractor shall furnish their bank account details for the payment through ECS by the Trust. A copy of the PAN card, Service Tax Registration no., EPF& ESI shall be furnished. MICR number Name of the Branch along with Bill for arranging payment made through E.C.S. by the Trust.

4.7. Liquidated Damages:

In the event of failure by the contractor to complete the execution of the work within the time stipulated in the contract or by the expiry of any period of extension granted by the Board's terms thereof, the contractor shall pay the Board as Liquidated Damages for delay to complete the work, a sum of 1% of contract price per week or part thereof subject to a maximum of 10% and the Board shall have the power to deduct this amount from the payment of the amounts due to the contractor or from his deposit.

4.8. Other terms and conditions

- i)** All tools and tackles and logistics involved in the work shall be arranged by the Contractor at their own cost.
- ii)** The Bidders can visit the site if they find necessary and get acquainted regarding the nature of the work involved at site conditions before quoting the rate.
- iii)** The scope of work and bill of quantities of prices and quantities "ANNEXURE-1" to be read in conjunction to ensure the actual supply and works involved.
- iv)** Necessary Entry passes shall be obtained by the Contractor at their own cost with the approval of Port Officials. However, the Port is now RFID compliant

and as such, all online processing of passes has to be done by the contractor in coordination with the Port officials

- v) The Trust will not be responsible for any loss or damage of the men/materials/tools/plants engaged by the firm during the work at site or transportation.
- vi) The Contractor shall take utmost care during the execution of the work, if any damage to Port property, the cost of the damage shall be deducted from the Contractor's bill.
- vii) The contractor shall follow and comply with all relevant IS and statutory regulations as applicable
- viii) Arrangement for power to carry out the contract work is in the scope of Port free of cost.
- ix) After completion of full works, the area to be cleaned and the scrap generated if any, is to be dumped at Ports MM division as scrap for disposal.
- x) All Electrical items/ equipment's should be in accordance with the approved makes as specified in the list enclosed.
- xi) Address for communication and submission of bid: Superintending Engineer (E-H), Engineering Mechanical Department, Mormugao Port Trust. Administrative Office, Mormugao Goa 403802. Contact no: 0832-2594515, 0832-2594579.
- xii) Further amendments if any, visit our Website www.mptgoa.com

CHIEF MECHANICAL ENGINEER

LIST OF APPROVED MAKES/BRANDS

Sr.no	Description	Approved makes/Brands
1	Relays, timers, ACB's, MCB's.	Schneider, Siemens, L& T, Controls & Switchgears, GEC, Alstom, GIC, ABB, Allen bradley.
2	Cables, Control wires:FRLS 2.5 sqmm.	Polycab, Finolex, Anchor.
3	Earthing Electrodes	Indian Earthing, Ashlok.

ANNEXURE-1**Bill of quantities**

Sr.no	Description	Qty	Unit	Unit Rate in (Rs.)		Amount in Figures (Rs.)
				In Fig.	In Words	
1	Installation of earthing stations: chemical pipe earthing stations with earthing electrodes developed in pipe in pipe technology concept with mild steel tubes one inside the other, hot dip galvanized with highly conductive and anticorrosive crystalline conductive mixture with 2 bags of 25 kgs back fill compound each. The job includes supply and connecting the earthing strips of size 25 x 6 mm. The job also include providing earthing chambers with masonry slabs with lifting handle.	4	nos			
2	Supply installation testing and commissioning of AMF panel. The job includes necessary cabling work including supply of control cables and necessary terminations in the main supply panel, AMF panel and DG set. (The main supply power cable will be supplied by the Port).	1	nos			
Total						

(In words Rupees: _____).

Only

Date:

Signature:

Place:

Name:

Address:

Office Seal of firm

Note: The offered rates shall be inclusive of all taxes and duties. Service tax shall be paid extra as applicable.